

**ANALYTICAL OVERVIEW OF THE RESULTS OF THE  
RESEARCH OF GRAPHIC COMPETENCIES OF FIRST-YEAR  
STUDENTS**

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The model of the educational process for the near future is one of the areas of improvement of the entire higher education system, so one of the urgent tasks of today is to improve the quality, development and improvement of abstract and spatial thinking of students of any specialty. Modern requirements in the system of higher education suggest that the graduate has various competencies that determine the possession of his own professional activity at a fairly high level. The success of a specialist's activity is determined not only by knowledge and skills, but also by the degree of formation of his competence qualities. Graphic disciplines for freshmen are the first professionally oriented disciplines that contribute to the acquisition of graphic skills and independence in self-education. Their successful development serves as an indicator of future professional viability, since it is impossible to imagine a modern graduate who does not know a graphic language, so this topic is quite relevant.

The Department of Descriptive Geometry and Engineering Graphics of OSASEA conducts many years of experimental research and monitoring of the development and quality of graphic competencies of first-year students. In the process of studying graphic disciplines, students learn to build images of spatial objects on a plane, practice graphic skills of working with drawing tools, learn the rules of reconstruction of object shape and algorithms of graphic actions in solving any applied problems and acquire skills of abstract thinkings. Teachers of the Department are constantly improving their approaches to conducting classes, especially in the context of distance learning, in the direction of student-centered education. This applies to lectures and practical classes, as well as consultations and calculation- graphic and control works, so the methods developed in the past for teaching graphic disciplines need to be continued and improved, especially given that in the last decade many secondary schools have no subject "Drawings", and almost 80% of freshmen do not have pre-university graphic training.

In conclusion, we emphasize that the formation of professional competencies of future professionals is impossible without a careful study of the basics of graphic literacy, the essence of which lies in the discipline of "Engineering Graphics".